Joint Polar Satellite System (JPSS) Ground Project
Code 474
474-00448-01-25

Joint Polar Satellite System (JPSS) Algorithm Specification Volume I: Software Requirement Specification (SRS) for the Sea Surface Temperature

Goddard Space Flight Center
Greenbelt, Maryland

National Aeronautics and
Space Administration

Joint Polar Satellite System (JPSS) Algorithm Specification Volume I:
Software Requirement Specification
(SRS) for the Sea Surface Temperature
JPSS Review/Approval Page

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Preface

This document is under JPSS Ground Project configuration control. Once this document is approved, JPSS approved changes are handled in accordance with Class I and Class II change control requirements as described in the JPSS Configuration Management Procedures, and changes to this document shall be made by complete revision.

Any questions should be addressed to:

JPSS Configuration Management Office
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Change History Log

Revision	Effective Date	Description of Changes (Reference the CCR & CCB/ERB Approve Date)
Rev-	August 22, 2013	This version incorporates 474-CCR-13-1126 which was approved by JPSS Ground ERB on the effective date shown.
Rev A	Jan 09, 2014	This version incorporates 474-CCR-13-1404 and 474-CCR-13-1360 which was approved by JPSS Ground ERB on the effective date shown.
Rev A1	Oct 23, 2014	This version incorporates 474-CCR-14-2091 which was approved by the JPSS Ground ERB for CO10 on the effective date shown.
Rev B	Dec 05, 2014	This version incorporates 474-CCR-14-1721, 474-CCR-14-1741, 474-CCR-14-1781, 474-CCR-14-1793, 474-CCR-14-2110 and 474-CCR-14-2132 which was approved by JPSS Ground ERB on the effective date shown.

List of TBx Items

TBx	Type	ID	Text	Action
None				

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1   Introduction

The Joint Polar Satellite System (JPSS) is the National Oceanic and Atmospheric Administration's (NOAA) next-generation operational Earth observation program that acquires and distributes global environmental data primarily from multiple polar-orbiting satellites. The program plays a critical role in NOAA's mission to understand and predict changes in weather, climate, oceans and coasts, and the space environment, which support the Nation's economy and protect lives and property. JPSS polar-orbiting satellites provide continued environmental observation that is currently performed by NOAA Polar Operational Environment Satellites (POES). The first JPSS satellite mission, the Suomi National Polar-orbiting Partnership (S-NPP) satellite, was successfully launched in October 2011. It will be followed by two JPSS satellites: JPSS-1, planned for launch in fiscal year (FY) 2017, with JPSS-2 to follow in FY2022.

In addition to the JPSS Program's own satellites operating in the 1330 Local Time of the Ascending Node (LTAN) orbit, NOAA also leverages mission partner assets for better global coverage. These partner assets include the Department of Defense (DoD) operational weather satellites (in the 1730 – 1930 LTAN orbit), European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT) Meteorological Operational (Metop) satellites (in the 2130 LTAN orbit) and Japanese Aerospace Exploration Agency (JAXA) Global Change Observation Mission-Water (GCOM-W) satellites (in the 1330 LTAN orbit). JPSS routes Metop data from the McMurdo Station, Antarctica to the EUMETSAT facility in Darmstadt, Germany and EUMETSAT provides Metop data to NOAA. For GCOM, JPSS routes the GCOM-W data from Svalbard, Norway through the NOAA Satellite Operations Facility (NSOF) in Suitland, MD to the JAXA facility in Japan. The JPSS program also processes GCOM-W data and delivers GCOM-W products to the JPSS users who have JAXA permissions.

The JPSS Program provides data acquisition and routing support to the Defense Meteorological Satellite Program (DMSP) and the Coriolis Program. The JPSS Program provides data routing support to the National Science Foundation (NSF), as well as the National Aeronautics and Space Administration (NASA) Space Communication and Navigation (SCaN)-supported missions, which include the Earth Observing System (EOS). As part of the agreements for the use of McMurdo Station, JPSS will provide communications/network services for the NSF between McMurdo Station, Antarctica and Centennial, Colorado.

As a multi-mission ground infrastructure, the JPSS Ground System supports the heterogeneous constellation of the before-mentioned polar-orbiting satellites both within and outside the JPSS Program through a comprehensive set of services as listed in Table 1-1.

Table: 1-1 JPSS Ground System Services

Service	Description
Enterprise Management and Ground Operations	Provides mission management, mission operations, ground operations, contingency management and system sustainment
Flight Operations	Provides launch support and early orbit operations, telemetry and commanding, orbital operations, mission data playback, payload support, flight software upgrade, flight vehicle simulation, and disposal at the end of mission life
Data Acquisition	Provides space/ground communications for acquiring mission data
Data Routing	Provides routing of telemetry, mission and/or operations data through JPSS' global data network
Data Product Generation	Provides the processing of mission data to generate and distribute raw, sensor, environmental, and ancillary data products
Data Product Calibration and Validation	Provides calibration and validation of the data products
Field Terminal Support	Provides development and operational support to the Field Terminal customers

1.1   Identification

This SRS provides requirements for the VIIRS Sea Surface Temperature (SST) Environmental Data Record (EDR). The SST this document refers to is the one measured by the VIIRS (Visible Infrared Imaging Radiometer Suite) instrument

1.2   Algorithm Overview

The algorithm calculates the SST from the infrared radiance retrieval measured by the VIIRS instrument. SST is an input variable for other VIIRS products such as net heat flux in Surface Albedo processing and ocean color/chlorophyll products.

1.3   Document Overview

Section	Description
Section 1	Introduction – Provides a brief overview of the JPSS Ground System and the relevant algorithm, as reference material only.
Section 2	Related Documentation – Lists related documents and identifies them as Parent, Applicable, or Information Documents such as, MOAs, MOUs, technical implementation agreements, as well as Data Format specifications. This section also establishes an order of precedence in the event of conflict between two or more documents.
Section 3	Algorithm Requirements – Provides a summary of the science requirements for the products covered by this volume.
Appendix A	Requirements Attributes – Provides the mapping of requirements to verification methodology and attributes.

2   Related Documentation

The latest JPSS documents can be obtained from URL:
https://jpssmis.gsfc.nasa.gov/frontmenu_dsp.cfm. JPSS Project documents have a document number starting with 470, 472 or 474 indicating the governing Configuration Control Board (CCB) (Program, Flight, or Ground) that has the control authority of the document.

2.1   Parent Documents

The following reference document(s) is (are) the Parent Document(s) from which this document has been derived. Any modification to a Parent Document will be reviewed to identify the impact upon this document. In the event of a conflict between a Parent Document and the content of this document, the JPSS Program Configuration Change Board has the final authority for conflict resolution.

Doc. No.	Document Title
470-00067	Joint Polar Satellite System (JPSS) Ground System Requirements Document (GSRD)
470-00067-02	Joint Polar Satellite System (JPSS) Ground System Requirements Document (GSRD), Volume 2 - Science Product Specification
474-00448-01-01	Joint Polar Satellite System (JPSS) Algorithm Specification Volume I: Software Requirements Specification (SRS) for the Common Algorithms

2.2   Applicable Documents

The following document(s) is (are) the Applicable Document(s) from which this document has been derived. Any modification to an Applicable Document will be reviewed to identify the impact upon this document. In the event of conflict between an Applicable Document and the content of this document, the JPSS Program Configuration Change Board has the final authority for conflict resolution.

Doc. No.	Document Title
474-00048	VIIRS Sea Surface Temperature Algorithm Theoretical Basis Document (ATBD)
474-00448-02-25	Joint Polar Satellite System (JPSS) Algorithm Specification Volume II: Data Dictionary for the Sea Surface Temperature
474-00448-04-25	Joint Polar Satellite System (JPSS) Algorithm Specification Volume IV: Software Requirements Specification Parameter File (SRSPF) for the Sea Surface Temperature

2.3   Information Documents

The following documents are referenced herein and amplify or clarify the information presented in this document. These documents are not binding on the content of this document.

Doc. No.	Document Title
474-00333	Joint Polar Satellite System (JPSS) Ground System (GS) Architecture Description Document (ADD)
474-00054	Joint Polar Satellite System (JPSS) Ground System (GS) Concept of Operations (ConOps)
470-00041	Joint Polar Satellite System (JPSS) Program Lexicon

Doc. No.	Document Title
474-00448-03-25	Joint Polar Satellite System (JPSS) Algorithm Specification Volume III: Operational Algorithm Description (OAD) for the Sea Surface Temperature
429-05-02-42	Joint Polar Satellite System (JPSS) Mission Data Format Control Book for NPP
472-00251	Joint Polar Satellite System (JPSS) Mission Data Format Control Book for JPSS-1

3   Algorithm Requirements

3.1   States and Modes

3.1.1   Normal Mode Performance

SRS.01.25_216 The Sea Surface Temperature EDR software shall calculate sea surface skin temperature with a measurement accuracy of 0.2 K.

Rationale: The measurement accuracy was flowed down from Level 1 and Level 2 documents.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

SRS.01.25_217 The Sea Surface Temperature EDR software shall calculate sea surface skin temperature with a measurement precision of 0.6 K.

Rationale: The measurement precision was flowed down from Level 1 and Level 2 documents.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

SRS.01.25_218 The Sea Surface Temperature EDR software shall calculate sea surface skin temperature with the available refresh rate of 12 hours.

Rationale: The global coverage through the refresh constraint was flowed from Level 1 and Level 2 document.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

SRS.01.25_219 The Sea Surface Temperature EDR software shall calculate sea surface skin temperature with a 3-sigma mapping uncertainty of 2 km in worst case scenarios corresponding to swath edge and the 3 sigma mapping uncertainty is 1 km at Nadir.

Rationale: The mapping uncertainty was flowed down from Level 1 and Level 2 documents.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

SRS.01.25_220 The Sea Surface Temperature EDR software shall calculate sea surface skin temperature with a measurement range of 271 K to 313 K.

Rationale: The measurement range was flowed down from Level 1 and Level 2 documents.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

3.1.2   Graceful Degradation Mode Performance

SRS.01.25_212 The Sea Surface Temperature EDR software shall use NAAPS current forecast aerosol optical thickness data as a primary backup source, NAAPS extended forecast aerosol optical thickness data as a secondary backup source, and GACP climatology data as a tertiary backup source, when VIIRS aerosol optical thickness IP is not available.

Rationale: The EDR software through its algorithm must generate products using back up data sources to meet the graceful degradation requirement. These degraded products are not required to meet the algorithm performance requirements.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

SRS.01.25_213 The Sea Surface Temperature EDR software shall use NCEP extended forecast surface temperature data as a primary backup source, when NCEP current surface temperature data is not available.

Rationale: The EDR software through its algorithm must generate products using back up data sources to meet the graceful degradation requirement. These degraded products are not required to meet the algorithm performance requirements.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

3.2   Algorithm Functional Requirements

3.2.1   Product Production Requirements

Not applicable.

3.2.2   Algorithm Science Requirements

SRS.01.25_206 The Sea Surface Temperature EDR software shall incorporate a computing algorithm provided for sea surface skin temperature.

Rationale: The EDR software through its computing algorithm must produce the sea surface skin temperature in accordance with the JPSS VIIRS Sea Surface Temperature ATBD (474-00048).

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

3.2.3   Algorithm Exception Handling

SRS.01.25_209 The Sea Surface Temperature EDR software shall set each <FillField> to <FillValue> according to <FillCondition> specified in the JPSS Algorithm Specification Vol IV: SRSPF for Sea Surface Temperature (474-00448-04-25) <SeaSurfTemp_EDR><fill>.

Rationale: The EDR software through its computing algorithm must fill the sea surface temperature values based on the established fill conditions to satisfy exclusion and fill conditions.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

3.3   External Interfaces

3.3.1   Inputs

SRS.01.25_214 The Sea Surface Temperature EDR software shall incorporate inputs per Table 3-1.

Rationale: The EDR generation software must be able to receive and process the resource interaction items shown in Table 3-1 in order to produce the intended Sea Surface Temperature products.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

SRS.01.25_309 The Sea Surface Temperature software shall ingest tables and coefficients formatted in accordance with Section 7 of the JPSS Algorithm Specification Vol II: Data Dictionary for Sea Surface Temperature (474-00448-02-25).

Rationale: This defines the formats for Lookup Tables, and Processing Coefficients for input into the algorithm module.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

Table 3-1 and Figure 3-1 are best viewed together since they describe the processes governed by this SRS in different ways. The figure diagrams the data flowing into, out of, and within the code governed by this SRS. The table lists these same data interactions as well as all downstream dependencies for outputs from this SRS.

Each row in the table describes a single software interaction – data flowing from one software item to another. The data is listed in the first column. The second column includes the mnemonic or short name for the data. Blanks indicate there is no mnemonic. The third and fourth columns contain the SRS that generates the data product(s) in the first column, and the SRS that receives those products. The final two columns contain the actual function name in Algorithm Development Library (ADL) that produces those products, and the function that inputs those products. The SRS's titled "Ingest MSD" and "Store/Retrieve" are non-existent SRS's functioning as data handling for the IDPS. The software functions "Store Products" and "Retrieve Products" are similar non-existent functions that operate as IDPS data handling.
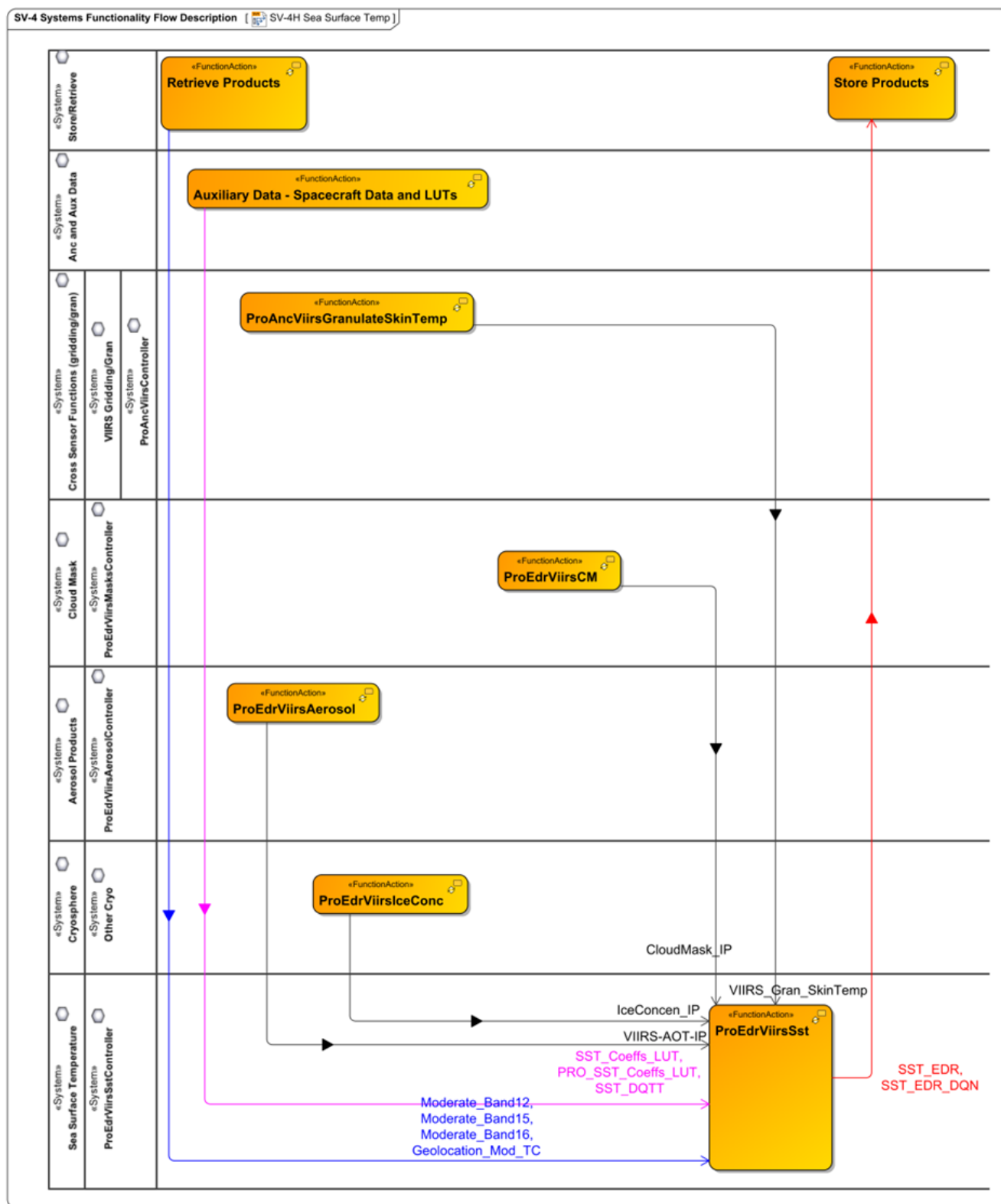
Figure: 3-1 Sea Surface Temperature Data Flows

Table: 3-1 Systems Resource Flow Matrix: Sea Surface Temperature

Data Product Name	Mnemonic or Short Name, if applicable	Source SRS	Receiving SRS	Sending Function	Receiving Function
Moderate_Band12 Moderate_Band15 Moderate_Band16 Geolocation_Mod_TC	SDRE-VM12-C0030 SDRE-VM15-C0030 SDRE-VM16-C0030 VIIRS-MOD-RGEO-TC	VIIRS RDR/SDR	Sea Surface Temperature	Retrieve Products	ProEdrViirsSst
VIIRS_Gran_SkinTemp	VIIRS-ANC-Temp-Skin-Mod-Gran	Grid/Gran	Sea Surface Temperature	ProAncViirsGranulateSkinTemp	ProEdrViirsSst
IceConcen_IP	IMPE_VIIC_R0100	Cryosphere	Sea Surface Temperature	ProEdrViirsIceConc	ProEdrViirsSst
SST_Coeffs_LUT PRO_SST_Coeffs_LUT SST_DQTT	NP_NU-LM0233-018 VIIRS-SST-EDR-AC-IntDP_NU-LM2030-000	Anc and Aux Data	Sea Surface Temperature	Auxiliary Data - Spacecraft Data and LUTs	ProEdrViirsSst
VIIRS-AOT-IP	IMPE_VAOT_R0100	Aerosols	Sea Surface Temperature	ProEdrViirsAerosol	ProEdrViirsSst
CloudMask_IP	IMPE_CMIP_C0030	Cloud Mask	Sea Surface Temperature	ProEdrViirsCM	ProEdrViirsSst
SST_EDR	EDRE-SSTE-C1030	Sea Surface Temperature	Surface Albedo	ProEdrViirsSst	ProEdrViirsNHF
SST_EDR	EDRE-SSTE-C1030	Sea Surface Temperature	Ocean Color and Chlorophyll	ProEdrViirsSst	ProEdrViirsOCC
SST_EDR SST_EDR_DQN	EDRE-SSTE-C1030 DP_NU-L00090-001	Sea Surface Temperature	Store/Retrieve	ProEdrViirsSst	Store Products

3.3.2   Outputs

SRS.01.25_210 The Sea Surface Temperature EDR software shall generate the Sea Surface Temperature EDR product in conformance with the XML format file in Attachment ATT-1 of the JPSS Algorithm Specification Vol II: Data Dictionary for Sea Surface Temperature (474-00448-04-25).

Rationale: The product profile must conform to the XML format file.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

SRS.01.25_211 The Sea Surface Temperature EDR software shall use the terrain-corrected geolocation from the VIIRS M-band.

Rationale: The Sea Surface Temperature products must be associated with the terrain-corrected geolocation.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

3.4   Science Standards

Not applicable.

3.5   Metadata Output

Not applicable.

3.6   Quality Flag Content Requirements

SRS.01.25_221 The Sea Surface Temperature EDR software shall report for each <FlagScope> quality flags using <FlagLogic> as specified in the JPSS Algorithm Specification Vol IV: SRSPF for Sea Surface Temperature (474-00448-04-25) <SeaSurfTemp_EDR><QF>.

Rationale: Quality Flags must be generated based on the established flag conditions, logic, and format.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

3.7   Data Quality Notification Requirements

SRS.01.25_215 The Sea Surface Temperature EDR software shall send data quality notifications to the operator according to logic specified in the JPSS Algorithm Specification Vol IV: SRSPF for Sea Surface Temperature (474-00448-04-25) <SeaSurfTemp_EDR><notification>.

Rationale: Notifications must be generated and sent based on the established logic and conditions.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

3.8   Adaptation

Not applicable.

3.9   Provenance Requirements

Not applicable.

3.10   Computer Software Requirements

Not applicable.

3.11 Software Quality Characteristics

Not applicable.

3.12 Design and Implementation Constraints

SRS.01.25_208 The JPSS Common Ground System shall execute the sea surface temperature algorithms.

Rationale: The CGS must incorporate algorithm changes that are supplied by the algorithm vendor.

Mission Effectivity: S-NPP, JPSS-1, JPSS-2

3.13 Personnel Related Requirements

Not applicable.

3.14 Training Requirements

Not applicable.

3.15 Logistics Related requirements

Not applicable.

3.16 Other Requirements

Not applicable.

3.17 Packaging Requirements

Not applicable.

3.18 Precedence and Criticality

Not applicable.

Appendix A. Requirements Attributes

The Requirements Attributes Table lists each requirement with CM-controlled attributes including requirement type, mission effectivity, requirement allocation(s), block start and end, method(s) for verifying each requirement, verification events, etc.

Req ID	SRS 25 - Sea Surface Temperature - BL 2/11/14	Level 3 Type	Product Type	Mission Effectivity	Allocated To	Block Start	Block End	Block 2.0.0 VM	Block 2.1.0 VM	Verification Event
SRS.01.25_216	The Sea Surface Temperature EDR software shall calculate sea surface skin temperature with a measurement accuracy of 0.2 K.	P	EDR	S-NPP JPSS-1 JPSS-2	algorithm provider	2.0.0	3.0.0	Test	NA	Maturity Level Declaration
SRS.01.25_217	The Sea Surface Temperature EDR software shall calculate sea surface skin temperature with a measurement precision of 0.6 K.	P	EDR	S-NPP JPSS-1 JPSS-2	algorithm provider	2.0.0	3.0.0	Test	NA	Maturity Level Declaration
SRS.01.25_218	The Sea Surface Temperature EDR software shall calculate sea surface skin temperature with the available refresh rate of 12 hours.	P	EDR	S-NPP JPSS-1 JPSS-2	algorithm provider	2.0.0	3.0.0	Test	NA	Maturity Level Declaration
SRS.01.25_219	The Sea Surface Temperature EDR software shall calculate sea surface skin temperature with a 3-sigma mapping uncertainty of 2 km in worst case scenarios corresponding to swath edge and the 3 sigma mapping uncertainty is 1 km at Nadir.	P	EDR	S-NPP JPSS-1 JPSS-2	algorithm provider	2.0.0	3.0.0	Test	NA	Maturity Level Declaration
SRS.01.25_220	The Sea Surface Temperature EDR software shall calculate sea surface skin temperature with a measurement range of 271 K to 313 K.	P	EDR	S-NPP JPSS-1 JPSS-2	algorithm provider	2.0.0	3.0.0	Test	NA	Maturity Level Declaration
SRS.01.25_212	The Sea Surface Temperature EDR software shall use NAAPS	G	EDR	S-NPP JPSS-1	CGS	2.0.0	3.0.0	Inspection	NA	2.0.0-AAT

Req ID	SRS 25 - Sea Surface Temperature - BL 2/11/14	Level 3 Type	Product Type	Mission Effectivity	Allocated To	Block Start	Block End	Block 2.0.0 VM	Block 2.1.0 VM	Verification Event
	current forecast aerosol optical thickness data as a primary backup source, NAAPS extended forecast aerosol optical thickness data as a secondary backup source, and GACP climatology data as a tertiary backup source, when VIIRS aerosol optical thickness IP is not available.			JPSS-2						
SRS.01.25_213	The Sea Surface Temperature EDR software shall use NCEP extended forecast surface temperature data as a primary backup source, when NCEP current surface temperature data is not available.	G	EDR	S-NPP JPSS-1 JPSS-2	CGS	2.0.0	3.0.0	Inspection	NA	2.0.0-AAT
SRS.01.25_206	The Sea Surface Temperature EDR software shall incorporate a computing algorithm provided for sea surface skin temperature.	Ap	EDR	S-NPP JPSS-1 JPSS-2	algorithm provider	2.0.0	3.0.0	Inspection	NA	Maturity Level Declaration
SRS.01.25_209	The Sea Surface Temperature EDR software shall set each <FillField> to <FillValue> according to <FillCondition> specified in the JPSS Algorithm Specification Vol IV: SRSPF for Sea Surface Temperature (474-00448-04-25) <SeaSurfTemp_EDR>fill>.	E	EDR	S-NPP JPSS-1 JPSS-2	CGS	2.0.0	3.0.0	Inspection	NA	2.0.0-AAT
SRS.01.25_214	The Sea Surface Temperature EDR software shall incorporate	I	EDR	S-NPP JPSS-1	CGS	2.0.0	3.0.0	Inspection	NA	2.0.0-AAT

Req ID	SRS 25 - Sea Surface Temperature - BL 2/11/14	Level 3 Type	Product Type	Mission Effectivity	Allocated To	Block Start	Block End	Block 2.0.0 VM	Block 2.1.0 VM	Verification Event
	inputs per Table 3-1.			JPSS-2						
SRS.01.25_309	The Sea Surface Temperature software shall ingest tables and coefficients formatted in accordance with Section 7 of the JPSS Algorithm Specification Vol II: Data Dictionary for Sea Surface Temperature (474-00448-02-25).	Ft	EDR	S-NPP JPSS-1 JPSS-2	CGS	2.0.0	3.0.0	Demonstration	NA	2.0.0-AAT
SRS.01.25_210	The Sea Surface Temperature EDR software shall generate the Sea Surface Temperature EDR product in conformance with the XML format file in Attachment ATT-1 of the JPSS Algorithm Specification Vol II: Data Dictionary for Sea Surface Temperature (474-00448-04-25).	F	EDR	S-NPP JPSS-1 JPSS-2	CGS	2.0.0	3.0.0	Demonstration	NA	2.0.0-AAT
SRS.01.25_211	The Sea Surface Temperature EDR software shall use the terrain-corrected geolocation from the VIIRS M-band.	Fg	GEO	S-NPP JPSS-1 JPSS-2	CGS	2.0.0	3.0.0	Demonstration	NA	2.0.0-AAT
SRS.01.25_221	The Sea Surface Temperature EDR software shall report for each <FlagScope> quality flags using <FlagLogic> as specified in the JPSS Algorithm Specification Vol IV: SRSPF for Sea Surface Temperature (474-00448-04-25) <SeaSurfTemp_EDR><QF>.	Q	EDR	S-NPP JPSS-1 JPSS-2	CGS	2.0.0	3.0.0	Inspection	NA	2.0.0-AAT
SRS.01.25_2	The Sea Surface Temperature	N	EDR	S-NPP	CGS	2.0.0	3.0.0	Inspection	NA	2.0.0-AAT

Req ID	SRS 25 - Sea Surface Temperature - BL 2/11/14	Level 3 Type	Product Type	Mission Effectivity	Allocated To	Block Start	Block End	Block 2.0.0 VM	Block 2.1.0 VM	Verification Event
15	EDR software shall send data quality notifications to the operator according to logic specified in the JPSS Algorithm Specification Vol IV: SRSPF for Sea Surface Temperature (474-00448-04-25) <SeaSurfTemp_EDR><notification>.			JPSS-1 JPSS-2						
SRS.01.25_208	The JPSS Common Ground System shall execute the sea surface temperature algorithms.	Ai	EDR	S-NPP JPSS-1 JPSS-2	CGS	2.0.0	3.0.0	Inspection	NA	2.0.0-AAT